

**JSP COMPOSITION IN A CACHE FOR WEB
APPLICATIONS WITH DYNAMIC CONTENT**

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ABSTRACT OF THE DISCLOSURE

10 A system and method are disclosed, according to which
performance of client/server-based distributed web
applications operating in an object-oriented environment may
be improved, by increasing the capacity of a cache for Java
Server Pages (JSPs). The main body of a JSP may contain
calls to several other JSPs. The conventional method of
caching such a composite JSP places a fully expanded version
15 of each called JSP at the point in the main code from which
it is called. This can result in considerable redundancy,
since the same JSP may be called from several places. In an
exemplary embodiment of the techniques disclosed herein for
caching composite JSPs, the called JSPs are stored
20 separately from the main JSP, along with links allowing the
called JSPs to be located in the cache or executed. This
eliminates redundancy, since only one copy of each called
JSP is required.

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